

Day: Thursday Date: 6/14/2007

Time: 15:46:38

Inventor Name Search Result

Your Search was:

Last Name = MASUMURA First Name = YUUKI

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|---------------|--------|------------|---|-----------------|
| 09583757 | 6518943 | 150 | 05/31/2000 | DRIVING APPARATUS FOR DRIVING A PLASMA DISPLAY PANEL | MASUMURA, YUUKI |
| 10795286 | 7015649 | 150 | | APPARATUS AND METHOD FOR DRIVING CAPACITIVE LOAD, AND PROCESSING PROGRAM EMBODIED IN A RECORDING MEDIUM FOR DRIVING CAPACITIVE LOAD | MASUMURA, YUUKI |
| 10822823 | Not Issued | 30 | 04/13/2004 | Display panel drive apparatus | MASUMURA, YUUKI |

Inventor Search Completed: No Records to Display.

| | Last Name | First Name | |
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| Search Another: I | Masumura | Yuuki Search | :1 |

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Day: Thursday Date: 6/14/2007

Time: 15:47:38

Inventor Name Search Result

Your Search was:

Last Name = MATSUMOTO First Name = YUKIHIRO

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|---------------|--------|------------|--|------------------------|
| 06818630 | 4690121 | 250 | 01/14/1986 | AIR INTAKE SIDE SECONDARY AIR SUPPLY SYSTEM FOR AN INTERNAL COMBUSTION ENGINE WITH A DUTY RATIO CONTROL OPERATION | MATSUMOTO, YUKIHIRO |
| 06819454 | 4694803 | 150 | 03/10/1986 | AIR-FUEL RATIO CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE WITH AN ATOMOSPHERIC PRESSURE RESPONSIVE CORRECTION OPERATION | MATSUMOTO, YUKIHIRO |
| 06915095 | 4803026 | 150 | 10/03/1986 | PROCESS FOR PREPARATION OF ACRYLIC RESIN SHEETS HAVING EXCELLENT MOLDABILITY AND SOLVENT RESISTANCE | MATSUMOTO, YUKIHIRO |
| 07012320 | 4843550 | 150 | 02/09/1987 | METHOD OF INDICATING A SHIFT OPERATION OF A MANUAL GEARBOX OF A VEHICLE | MATSUMOTO, YUKIHIRO |
| 07388123 | 5003937 | 150 | 08/01/1989 | VALVE OPERATING SYSTEM FOR INTERNAL COMBUSTION ENGINE | MATSUMOTO, YUKIHIRO |
| 08307451 | Not Issued | 166 | 09/21/1994 | MATRIX FOR IONTOPHORESES | MATSUMOTO, YUKIHIRO |
| 08405248 | 5588401 | 150 | | SPARK IGNITION INTERNAL-COMBUSTION ENGINE | MATSUMOTO, YUKIHIRO |
| 08503633 | 5862415 | 250 | 07/18/1995 | AUTO-FOCUSING CAMERA WITH PANNING STATE DETECTION FUNCTION | MATSUMOTO, YUKIHIRO |
| 08659370 | 6743432 | 150 | 06/06/1996 | INTERFACE FOR | MATSUMOTO, |

| | | <u> </u> | | IONTOPHORESIS | YUKIHIRO |
|-----------------|---------|----------|------------|--|------------------------|
| 08659372 | 5993848 | 150 | 06/06/1996 | DISSOLUTION LIQUID FOR DRUG IN IONTOPHORESIS | MATSUMOTO, YUKIHIRO |
| 08737207 | 5833813 | 250 | 11/07/1996 | METHOD OF RECOVERING AND DEHYDRATING ETHYLENE SULFIDE | MATSUMOTO, YUKIHIRO |
| 08801520 | 5963308 | 150 | 02/18/1997 | DISTANCE MEASURING APPARATUS | MATSUMOTO, YUKIHIRO |
| <u>08842516</u> | 6416503 | 150 | 11 | MATRIX FOR IONTOPHORESES | MATSUMOTO, YUKIHIRO |
| 09067010 | 6055041 | 150 | 04/27/1998 | DISTANCE MEASURING APPARATUS | MATSUMOTO, YUKIHIRO |
| 09137744 | 6248349 | 150 | 08/21/1998 | DISSOLUTION LIQUID FOR DRUG IN IONTOPHORESIS | MATSUMOTO, YUKIHIRO |
| 09145414 | 6215463 | 150 | 09/01/1998 | DRIVING SYSTEM FOR A DISPLAY PANEL | MATSUMOTO, YUKIHIRO |
| 09208656 | 6173122 | 150 | 12/10/1998 | DISTANCE MEASURING APPARATUS AND METHOD | MATSUMOTO, YUKIHIRO |
| 09240847 | 6160613 | 150 | 02/01/1999 | CHARGING CONDITION CONTROL IN DISTANCE MEASURING MECHANISM | MATSUMOTO, YUKIHIRO |
| 09253036 | 6294056 | 150 | 02/19/1999 | DISTILLATION METHOD AND DISTILLATION APPARATUS | MATSUMOTO, YUKIHIRO |
| 09291386 | 6322550 | | | METHOD FOR TRANSDERMAL ADMINISTRATION OF GP IIB/IIIA ANTAGONIST | MATSUMOTO, YUKIHIRO |
| <u>09434171</u> | 6267092 | 150 | 11/04/1999 | SUCTION APPARATUS OF MULTI-CYLINDER INTERNAL COMBUSTION ENGINE | MATSUMOTO, YUKIHIRO |
| 09506713 | 6755943 | 150 | 02/18/2000 | PERFORATED TRAY WITHOUT DOWNCOMER, PERFORATED TRAY TOWER WITHOUT DOWNCOMER | MATSUMOTO, YUKIHIRO |
| 09506715 | 6666956 | 150 | 02/18/2000 | METHOD FOR DISTILLING POLYMERIZABLE COMPOUND OR LIQUID CONTAINING POLYMERIZABLE COMPOUND | MATSUMOTO, YUKIHIRO |
| 09519383 | 6641700 | 150 | 03/03/2000 | PURIFYING APPARATUS POSSESSING VAPOR DISPERSING DEVICE | MATSUMOTO, YUKIHIRO |

| 09520744 | 6620969 | 150 | 03/08/2000 | | MATSUMOTO, YUKIHIRO |
|----------|---------------|-----|------------|--|------------------------|
| 09521434 | 6348135 | 150 | 03/08/2000 | Process for the purification of (meth) acrylic acid and/or its ester | MATSUMOTO, YUKIHIRO |
| 09537621 | 6635148 | 150 | 03/29/2000 | METHOD FOR REFINING EASILY POLYMERIZABLE MATTER-CONTAINING SUBSTANCE AND APPARATUS THEREFOR | MATSUMOTO, YUKIHIRO |
| 09549531 | 6409886 | 150 | 04/14/2000 | PROCESS FOR INHIBITING THE POLYMERIZATION OF EASILY-POLYMERIZABLE COMPOUNDS | MATSUMOTO, YUKIHIRO |
| 09556754 | 6627047 | 150 | 04/21/2000 | | MATSUMOTO, YUKIHIRO |
| 09585617 | 6436245 | 150 | 06/02/2000 | APPARATUS FOR THE PURIFICATION OF ORGANIC COMPOUNDS CONTAINING READILY-BLOCKING SUBSTANCES AND PROCESS THEREOF | |
| 09587387 | 6878239 | 150 | | PROCESS FOR INHIBITING A POLYMERIZATION IN A VACUUM SECTION OF AN EASILY POLYMERIZABLE COMPOUND PURFICATION SYSTEM | MATSUMOTO, YUKIHIRO |
| 09588834 | 6525216 | 150 | | METHOD OF MANUFACTURING (METH) ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 09605219 | 6667419 | 150 | 06/28/2000 | METHOD FOR ABSORPTION OF ACRYLIC COMPOUND AND APPARATUS THEREFOR | MATSUMOTO, YUKIHIRO |
| 09642578 | 6585862 | 150 | 08/19/2000 | APPARATUS AND METHOD FOR HANDLING EASILY POLYMERIZABLE COMPOUND | MATSUMOTO, YUKIHIRO |
| 09644354 | Not Issued | 161 | 08/23/2000 | Method for preventing plate type heat exchanger from blockage | MATSUMOTO, YUKIHIRO |

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|-----------------|---------|-----|------------|---|------------------------|
| 09652209 | 6808689 | 150 | 08/30/2000 | REACTOR FOR CATALYTIC GAS PHASE OXIDATION | MATSUMOTO, YUKIHIRO |
| 09667283 | 6372944 | 150 | 09/22/2000 | LIQUID WITHDRAWING TRAY FOR PURIFICATION COLUMN, PURIFICATION COLUMN, AND METHOD FOR PURIFICATION | MATSUMOTO, YUKIHIRO |
| 09688169 | 6891061 | 150 | 10/16/2000 | PACKED COLUMN AND POLYMERIZABLE COMPOUND TREATING METHOD USING THE SAME | MATSUMOTO, YUKIHIRO |
| 09695882 | 6632329 | 150 | 10/26/2000 | | MATSUMOTO, YUKIHIRO |
| 09705661 | 7198766 | 150 | 11/03/2000 | METHOD FOR PRODUCTION OF ACRYLIC ACID AND APPARATUS FOR PRODUCTION OF ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| <u>09724468</u> | 6566551 | 150 | 11/29/2000 | METHOD FOR PREVENTING EFFLUENT GAS PIPE FROM BLOCKING | MATSUMOTO, YUKIHIRO |
| 09733679 | 6431261 | 150 | | SHELL AND TUBE TYPE HEAT EXCHANGER | MATSUMOTO, YUKIHIRO |
| 09735091 | 6441228 | 150 | 12/12/2000 | APPARATUS AND PROCESS FOR PRODUCING (METH) ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| <u>09746916</u> | 6736200 | 150 | 12/23/2000 | HEAT-EXCHANGING METHOD FOR EASILY POLYMERIZABLE COMPOUND | MATSUMOTO, YUKIHIRO |
| 09772458 | 6642414 | 150 | 01/30/2001 | METHOD FOR PRODUCTION OF (METH) ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 09780787 | 6713648 | 150 | 02/09/2001 | METHOD FOR ABSORBING ACRYLIC ACID AND METHOD FOR PURIFYING ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 09788598 | 6588450 | 150 | 02/21/2001 | STORAGE TANK FOR VISCOUS OIL CONTAINING EASILY POLYMERIZABLE COMPOUNDS | MATSUMOTO, YUKIHIRO |
| 09800705 | 6407287 | 150 | 03/07/2001 | METHOD FOR PRODUCTION OF ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 09845694 | 6946573 | 150 | 04/30/2001 | METHOD FOR STARTING UP REACTOR AND REACTOR SYSTEM | MATSUMOTO, YUKIHIRO |
| | | ! | II | II . | 11 |

| 09871 | 213 | 6676808 | 150 | | METHOD FOR STARTING UP DISTILLING COLUMN | MATSUMOTO, YUKIHIRO |
|----------|------|----------|--------|--------|---|------------------------|
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Inventor Name Search Result

Your Search was:

Last Name = MATSUMOTO First Name = YUKIHIRO

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|---------------|--------|------------|---|------------------------|
| 09880395 | 6495045 | 150 | | SOLID SUBSTANCE REMOVING DEVICE | MATSUMOTO, YUKIHIRO |
| 09883266 | 6927268 | 150 | 06/19/2001 | PRODUCTION PROCESS FOR WATER-ABSORBENT RESIN | MATSUMOTO, YUKIHIRO |
| 09893486 | 6638432 | 150 | 06/29/2001 | METHOD OF TREATING WASTE LIQUID | MATSUMOTO, YUKIHIRO |
| 09901267 | 6613196 | 150 | | METHOD FOR STOPPING PURIFYING COLUMN | MATSUMOTO, YUKIHIRO |
| 09919024 | Not Issued | 71 | 07/31/2001 | Method for starting up reactor | MATSUMOTO, YUKIHIRO |
| 10058459 | Not Issued | 161 | 01/28/2002 | Liquid withdrawing tray for purification column, purification column, and method for purification | MATSUMOTO, YUKIHIRO |
| 10062239 | 6651731 | 150 | 02/01/2002 | METHOD FOR COOLING HEATING GRADE HEAT EXCHANGER IN UNSTEADY STATE | MATSUMOTO, YUKIHIRO |
| 10086931 | 6787001 | 150 | 03/01/2002 | METHOD FOR DISTILLING (METH) ACRYLIC ACID SOLUTION | MATSUMOTO, YUKIHIRO |
| 10132529 | 6930198 | 150 | 04/24/2002 | METHOD FOR PRODUCTION OF UNSATURATED CARBOXYLIC ESTER | MATSUMOTO, YUKIHIRO |
| 10149239 | Not Issued | 161 | 06/06/2002 | Medicinal compositions for oral use | MATSUMOTO, YUKIHIRO |
| 10163032 | Not Issued | 161 | 06/05/2002 | Reactor filled with solid particle and gas-phase catalytic oxidation with the reactor | |
| 10186569 | 6966973 | 150 | 07/01/2002 | APPARATUS AND PROCESS FOR PRODUCING (METH) ACRYLIC ACID | MATSUMOTO, YUKIHIRO |

| 10198433 | 7235158 | 150 | 07/17/2002 | PERFORATED TRAY COLUMN WITHOUT DOWNCOMER | MATSUMOTO, YUKIHIRO |
|-----------------|---------------|-----|------------|---|------------------------|
| <u>10211040</u> | 6888025 | 150 | 08/02/2002 | METHOD FOR ABSORBING ACRYLIC ACID AND METHOD FOR PURIFYING ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 10254807 | 7081185 | 150 | 09/26/2002 | PURIFICATION APPARATUS PROVIDED WITH LOW HEAT CONDUCTIVE MEMBER | MATSUMOTO, YUKIHIRO |
| 10326189 | 6677482 | 150 | 12/20/2002 | METHOD OF MANUFACTURING (METH) ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 10352851 | Not Issued | 41 | 01/29/2003 | Process for treating wastes from acrylic acid and polyacrylic acid production processes | MATSUMOTO, YUKIHIRO |
| <u>10356428</u> | 6848501 | 150 | 01/31/2003 | METHOD FOR PREVENTING PLATE TYPE HEAT EXCHANGER FROM BLOCKAGE | MATSUMOTO, YUKIHIRO |
| 10375140 | 7038081 | 150 | II 1 | METHOD FOR PRODUCING POLYACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 10473189 | Not Issued | 71 | 09/25/2003 | Medicinal solutions | MATSUMOTO, YUKIHIRO |
| 10526792 | Not Issued | 30 | 03/08/2005 | Sustained release preparation | MATSUMOTO, YUKIHIRO |
| 10607767 | Not Issued | 41 | 06/27/2003 | Method for production of acrylic acid | MATSUMOTO, YUKIHIRO |
| 10633170 | 7109372 | 150 | II : | METHOD FOR PRODUCTION OF ACRYLIC ACID | MATSUMOTO, YUKIHIRO |
| 10641653 | Not Issued | 95 | 08/15/2003 | METHOD FOR REFINING EASILY POLYMERIZABLE MATTER-CONTAINING SUBSTANCE AND APPARATUS THEREFOR | MATSUMOTO, YUKIHIRO |
| 10664237 | 7205429 | 150 | 09/17/2003 | METHOD FOR DISPOSAL OF WASTE FROM ACRYLIC ACID PROCESS AND ACRYLIC ESTER PROCESS | MATSUMOTO, YUKIHIRO |
| 10784553 | 7014736 | 150 | 02/23/2004 | APPARATUS AND PROCESS FOR PURIFICATION OF ACRYLIC ACID FAMILY | MATSUMOTO, YUKIHIRO |
| 10796254 | 7102030 | 150 | 03/09/2004 | METHOD FOR MANAGING OPERATION OF GAS PHASE REACTION APPARATUS | MATSUMOTO, YUKIHIRO |

| 10808381 | 7164398 | 150 | | APPARATUS AND METHOD FOR DRIVING PLASMA DISPLAY PANEL, AND PROCESSING PROGRAM EMBODIED IN A RECORDING MEDIUM FOR DRIVING PLASMA DISPLAY PANEL | MATSUMOTO, YUKIHIRO |
|----------|---------------|-----|------------|--|------------------------|
| 10822823 | Not Issued | 30 | 04/13/2004 | Display panel drive apparatus | MATSUMOTO, YUKIHIRO |
| 10823644 | 7088354 | 150 | 04/14/2004 | DISPLAY PANEL DRIVE APPARATUS, DISPLAY PANEL DRIVE METHOD AND INFORMATION RECORDING MEDIUM FOR DRIVING DISPLAY PANEL | MATSUMOTO, YUKIHIRO |
| 10840252 | Not Issued | 93 | 05/07/2004 | METHOD FOR DISTILLING (METH)ACRYLIC ACID AND/OR THE ESTER THEREOF | MATSUMOTO, YUKIHIRO |
| 10841560 | Not Issued | 95 | 05/10/2004 | DISPLAY PANEL DRIVE DEVICE | MATSUMOTO, YUKIHIRO |
| 10883683 | Not Issued | 41 | 07/06/2004 | Panel display apparatus | MATSUMOTO, YUKIHIRO |
| 11143628 | 7238743 | 150 | 06/03/2005 | PRODUCTION PROCESS FOR WATER-ABSORBENT RESIN | MATSUMOTO, YUKIHIRO |
| 11221213 | Not Issued | 30 | 09/07/2005 | Method for starting up reactor and reactor system | MATSUMOTO, YUKIHIRO |
| 11498426 | Not Issued | 25 | | Reactor filled with solid particle and gas-phase catalytic oxidation with the reactor | |
| 11601417 | Not Issued | 25 | | Method for production of acrylic acid and apparatus for production of acrylic acid | MATSUMOTO, YUKIHIRO |
| 11609630 | Not Issued | 30 | 12/12/2006 | IMAGE PICKUP APPARATUS AND METHOD FOR CONTROLLING THE SAME | MATSUMOTO, YUKIHIRO |

Inventor Search Completed: No Records to Display.

| | Last Name | First Name | |
|--------------------------|-----------|------------|--------|
| Search Another: Inventor | Matsumoto | ıkihiro | Search |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| S2 | . 4 | Masumura-Yuuki.IN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/06 15:37 |
| S3 | | Matsumoto-Yukihiro.IN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/06 15:38 |
| S4 | 293 | Matsumoto-Yukihiro.IN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/14 09:33 |
| S5 | 1 | 10/822823.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/14 09:43 |
| S6 | 2051 | sustain\$4 near5 driver | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/14 09:43 |
| S7 | 1359 | 714/2,24.CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 09:17 |

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| S10 | 369431 | display\$4 same panel\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 14:48 |
| S11 | 10031352 | (driv\$4 or control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 15:00 |
| S12 | 228770 | S10 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 14:43 |
| S13 | 1025167 | display\$4 same (driv\$4 or control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 14:58 |
| S14 | 122134 | "439".CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 15:34 |

| S15 | 1524724 | display\$4 and (driv\$4 or control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 14:59 |
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| S21 | 3909 | S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 15:36 |

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| S25 | 148 | S17 and S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 16:03 |
| S26 | 87 4 2 | S17 and (S18 and disconnect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 16:05 |
| S27 | 1243 | S16 and S26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 16:05 |
| S28 | 828 | S27 and display\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/15 16:07 |

| S29 | 828 | S28 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | OR | OFF | 2007/05/15 16:14 |
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| S2 | 156254 | transmiss\$4 adj line | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:38 |
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| S4 | 15114 | S1 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/25 13:27 |
| S13 | 5 | "7167196".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/30 10:19 |
| S14 | 266599 | display\$4 and ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR : | OFF | 2007/06/05 07:40 |
| S15 | 156354 | transmiss\$4 adj line | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/30 10:07 |

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| S16 | 653115 | (disconnect\$4 or connect\$4 or adapter) near5 (detect\$4 or sens\$4 or error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/30 10:07 |
| S17 | 88737 | (S15 or bus) and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/30 10:15 |
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| S19 | 415527 | (display\$4 or monitor\$4) and ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/30 10:17 |
| S21 | 9699 | ((disconnect\$4 or remov\$5) and (connector or adapter)) and (S18 and S19) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:34 |
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| S23 | 156413 | transmiss\$4 adj line | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 14:56 |

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| S24 | 653607 | (disconnect\$4 or connect\$4 or adapter) near5 (detect\$4 or sens\$4 or error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 14:56 |
|-----|--------|---|--|------|-------|------------------|
| S25 | 88857 | (S23 or bus) and S24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 14:56 |
| S26 | 45195 | S25 and ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 14:56 |
| S27 | 415959 | (display\$4 or monitor\$4) and ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 14:56 |
| S28 | 11891 | display and (((disconnect\$4 or remov\$5) and (connector or adapter or switch)) and (S26 and S27)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF . | 2007/06/01 14:56 |
| S29 | 9718 | ((disconnect\$4 or remov\$5) and (connector or adapter)) and (S26 and S27) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2007/06/05 16:41 |
| S30 | | S29 and 349/149-155.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 18:06 |

| S31 | 3 | S29 and 345/37,41-42,60-62.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 18:26 |
|------|-------|--|--|------|-----|------------------|
| S32 | | (S29 and S28) and 345/37,41-42, 60-62.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 19:30 |
| S33 | 76954 | plasma near4 display\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2007/06/01 19:31 |
| S34 | 1621 | S33 and (\$4emit\$5 near4 cells) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 19:56 |
| S35 | 4733 | S33 and (\$4emit\$5 near4 (cell\$2 or pixel\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 19:32 |
| S36 | 3 | 2003\0052873 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 20:41 |
| \$37 | | 10/822823.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/01 21:18 |

| S38 | 76986 | plasma near4 display\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 10:42 |
|-----|-------|---|--|----|-----|------------------|
| S39 | 1360 | S38 and (control\$3 near4 signal\$4) and (scan near4 pulse\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 10:44 |
| S40 | 53 | S38 and (discharg\$4 near4 cells) and (emit\$4 and non-emit\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 10:52 |
| S41 | . 10 | S39 and S40 and adjacent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 10:53 |
| S42 | 3 | 349/32.ccls. and connector | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:30 |
| S43 | . 2 | "6980092".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:31 |
| S44 | . 2 | "5984482".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:31 |

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| S45 | 458035 | ((disconnect\$4 or remov\$5) and (connector or adapter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:37 |
|-----|--------|--|--|------|-------|------------------|
| S46 | 63318 | ((disconnect\$4 or remov\$5) near4 (connector or adapter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2007/06/05 07:37 |
| S47 | 486 | ((transmiss\$4 adj line) or bus) near4 S46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:39 |
| S48 | . 4 | S47 near5 ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 07:43 |
| S49 | | S47 same ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF . | 2007/06/05 07:43 |
| S50 | 0 | rechargable near4 wireless near4 device | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:56 |
| S51 | 43 | rechargable near4 device | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2007/06/05 16:46 |

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| S52 | 14 | ((disconnect\$4 or remov\$5) and (connector or adapter)) and S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:42 |
| S53 | 156469 | transmiss\$4 adj line | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:41 |
| S54 | 653924 | (disconnect\$4 or connect\$4 or adapter) near5 (detect\$4 or sens\$4 or error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:41 |
| S55 | 88904 | (S53 or bus) and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:56 |
| S56 | 45210 | S55 and ((control\$4 near4 (circuit\$3 or (unit and board))) and (circuit\$4 or (driv\$4 near4 (unit and board)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:41 |
| S57 | 1 | S56 and S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:41 |
| S58 | 88924 | recharg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:46 |

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| S59 | 14155 | S54 and S58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:47 |
| S60 | 2751 | S54 and S58 and S56 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:48 |
| S61 | 229 | S54 and S58 and S56 and S53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:49 |
| S62 | 1504 | S60 and display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:50 |
| S63 | 92 | S61 and display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:51 |
| S64 | 491 | recharg\$4 near4 phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:56 |
| S65 | 46 | ((S53 or bus or cabl\$3) and S54) and S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:57 |

| S66 | 30 | S65 and display | US-PGPUB; USPAT; | OR | OFF | 2007/06/05 16:59 |
|-----|-------|--------------------------|--|----|-----|------------------|
| | | · | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | |
| S67 | 9 | S66 and S56 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 16:59 |
| S68 | 494 | phone near4 recharg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:23 |
| S69 | 29089 | battery near4 recharg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:24 |
| S70 | 3816 | charging near4 complete | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:19 |
| S71 | 9 | S68 and S69 and S70 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:24 |
| S72 | 130 | S68 and S69 and display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:26 |

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| S73 | 5697 | phone near4 \$2charg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:32 |
| S74 | 128548 | battery near4 \$2charg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:24 |
| S75 | 38 | S70 and S73 and S74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:25 |
| S76 | 417 | S70 and S74 and display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:26 |
| S77 | 62 | (S70 and S74) same display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:26 |
| S78 | | S77 and phone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:27 |
| S79 | 8039 | (connector or adapter) near4 \$2charg\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:32 |

| S80 · | 374 | (remov\$4 or disconnect\$3) near4 S79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:33 |
|-------|-----|--|--|----|-----|------------------|
| S81 | 8 | S80 same display | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 07:33 |